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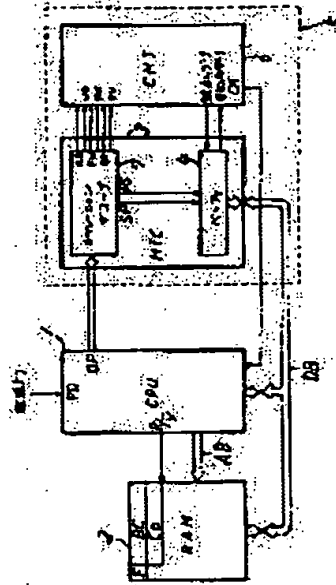
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(54) COUNTERMEASURE METHOD FOR POWER FAILURE OF MAGNETIC TAPE UNIT

(57)Abstract:

PURPOSE: To cope with a power failure easily and adequately by writing data, block by block, on a magnetic tape and by controlling a magnetic tape unit on the basis of the number of stored blocks after recovery from the power failure.

CONSTITUTION: Once the address of RAM2 is assigned by CPU1, read data from RAM2 stored in buffer 4 are recorded, block by block, on cassette tape 6. On writing a unit block, CPU1 rewrites the contents of counter B by reading out the contents of block counter B of RAM2 and then by adding [1], so that the number of blocks recorded on tape 6 will be stored in counter B. When a power failure occurs and a power signal at the time of its recovery is applied, CPU1 reruns tape 6 after rewinding it until its initial point via decoder 7 to read a block right before the final block on the basis of the memory contents of counter BC and then erases the contents of tape 6, thereby restarting writing operation from the initial positopm of the erased part.



LEGAL STATUS

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